



DTD530 Disk Transponder

DTD530 disk transponders are designed for the electronic identification of animals. They can be combined with visual ear tags to provide electronic ear tags for automatic tracking of animals from

birth to slaughter. The DTD530 is made of epoxy and therefore unexceptional robust. It survive under severe conditions and can be re-used in most applications for several years.

Advantages of DTD530 Disk Transponder

- The DTD530 disk transponders meets the requirements of the ISO-Standard 11784/5 FDX-B for electronic animal identification. Any ISO 11785 compatible reader therefore can read DTD530 transponders.
- The unique ID of the DTD530 disk transponders ensures unequivocal identification of animals or objects. The DTD530 is fixed programmed (read-only) regarding ISO 11784.
- Due to its long reading distance, DTD530 is predestined for data acquisition and process control in the farming business, e. g. automated feeding.
- The DTD530 disks are small and very light. Therefore they can be used for young animals like piglets and lambs. Thanks to its excellent mechanical properties the transponders are resistant to the most adverse environments in farm operations. In particular, the transponder meets the very tough requirements associated with the pig slaughter process, including flaming. Accordingly, multiple re-use of the disk transponders is possible.
- The DTD530 disk transponders meets the requirements of the EU and received the Certificate of the Joint Research Centre (JRC) in Ispra.

Technical Data DTD530 Disk Transponder

Frequency	134,2 KHz
Transponder type	read-only – FDX-B compatible (ISO 11784/5)
Reading range	Up to 85 cm depending on the Reader-Antenna-combination: 85 cm with DAF206 and ASR400 65 cm with DAF006 and ASR400 40 cm with DAF003 and ASR400 25 cm with AWR100/200
Temperature range	Operation – 10 to + 80 °C Storage – 10 to + 80 °C
Dimensions and weight	diameter 30 mm, hole 8.5 mm thickness 1.5 mm weight approx. 2.0 g

Agrident GmbH
Steinklappenstraße 10
D-30890 Barsinghausen
Phone: +49 (0) 51 05-58 25 73-10
Fax: +49 (0) 51 05-58 25 73-17
E-Mail: mail@agrident.com
Internet: www.agrident.com

